

Express Mail Number: 052827168US

Docket : B-3539 616758-3

Date: April 2, 1999

Commissioner of Patents and Trademarks  
Box Patent Application  
Washington, D.C. 20231

Sir:

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventors: (1) **Shin-Tson Wu** (2) **Seth Marder**  
(3) **Qing T. Zhang**

NOTE: *Patent must be applied for in the name of all  
of the actual inventor or inventors.*

For: **"DOPANTS FOR LIQUID-CRYSTAL DEVICES"**

Enclosed are:

1. **The Papers Required For Filing Date Under 37 CFR 1.53(b):**

28 Pages of specification 1 Page of abstract 7 Pages of claims

2 Sheets of drawings  formal  informal  
(Figs. 1-3)

Postcard

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**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an Express Mail envelope with sufficient postage for Express Mailing on this date April 2, 1999 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL052827168US addressed to the:

**Commissioner of Patents and Trademarks  
Box Patent Application  
Washington, D.C. 20231**

*John H. Marder*  
(Typed or printed name of person mailing paper)

*[Signature]*  
(Signature of person mailing paper)

NOTE: *Each paper or fee referred to as enclosed herein  
has the number of the "Express Mail" mailing label  
placed thereon prior to mailing. 37 CFR 1.10(b).*

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2. Declaration or oath

Enclosed

original       facsimile

executed by:

inventor(s)

legal representative of inventor(s) 37 CFR 1.42 or 1.43

joint inventor or person showing a proprietary interest  
on behalf of inventor who refused to sign or cannot be  
reached. 37 CFR 1.47.

petition and statement required by 37 CFR 1.47  
also attached. See item 7 below for fee.

Not Enclosed

Application is made by a person authorized under 37 CFR  
1.41(c) on behalf of all of the above named inventor(s).  
The declaration or oath, along with the surcharge  
required by 37 CFR 1.16(e) can be filed subsequently.

Showing that the filing is authorized. (Not required  
unless called into question. 37 CFR 1.41(d)).

NOTE: Where the filing is a completion in the U.S. of an international  
application under 35 U.S.C. 371(c)(4) then the declaration must  
be filed.

3. Assignment

An assignment of the invention to \_\_\_\_\_  
\_\_\_\_\_

4. Certified Copy

A certified copy of Patent Application(s)

\_\_\_\_\_ from which priority is claimed.

NOTE: Must be referred to in oath or declaration. 37 CFR 1.55 and 163.

5. Fee Calculation

CLAIMS AS FILED				
Number Filed	Number Extra	Rate	Basic Fee	\$ 760.00
Total Claims      20 -20=	0	x \$ 18.00		0
Independent Claims      02 -03=	0	x \$ 78.00		0
Multiple Dependent Claim(s), If Any	0	x \$260.00		0

Amendment cancelling extra claims enclosed

Amendment deleting multiple dependencies enclosed

Fee for extra claims is not being paid at this time

NOTE: If the fee for extra claims are not paid on filing they must be paid or the  
claims cancelled by amendment, prior to the expiration of the time period set  
for response by the Patent and Trademark Office in any notice of fee deficiency,  
37 CFR 1.16(d).

Filing Fee Calculation \$760.00

**6. Small Entity Statement**

Verified statement that this is a filing by a small entity under 37 CFR 1.9 and 1.27.

Filing Fee Calculation (50% of above) \$ \_\_\_\_\_

NOTE: If a verified statement is filed within 2 months of the date of payment of first fee then the excess fee paid will be refunded on request. Notice of January 20, 1983. 1027 TMOG 114.

**7. Fee Payment Being Made At This Time**

Not Enclosed

No filing fee is submitted. This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.

NOTE: Where the filing is a completion in the U.S. of an international application the fee must be paid.

Enclosed

filing fee \$ \_\_\_\_\_

recording assignment \$ \_\_\_\_\_  
(\$40.00; 37 CFR 1.21(h)(i))

petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. 37 CFR 1.47 and 1.17 (h) \$ \_\_\_\_\_

Total fees enclosed \$ \_\_\_\_\_

**8. Method of Payment of Fees**

check in the amount of \$ \_\_\_\_\_

charge account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_  
A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 CFR 1.22(b).

**9. Authorization to Charge Additional fees**

The Commissioner is hereby authorized to charge the following additional fees which may be required to Account No. \_\_\_\_\_:

37 CFR 1.16 (filing fees and presentation of extra claims)

37 CFR 1.17 (application processing fees)

37 CFR 1.18 (issue fee at or before Mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application ...prior to paying... issue fee".

**10. Instructions As To Overpayment**

Credit Account No. \_\_\_\_\_  refund \_\_\_\_\_

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